

Report Date: 02 Feb 2013

Summary Report for Individual Task

113-587-1005

Program Radio Set AN/PRC-148 Joint Tactical Radio System (JTRS) Enhanced Multiband Inter/Intra Team Radio (MBITR)(JEM)

Status: Approved

DISTRIBUTION RESTRICTION: Distribution authorized to U.S. Government agencies only.

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Condition: Given an AN/PRC-148, ANCD/SKL and fill cable, data/cloning cable, computer with program disk, Operating System User's Manuals (OSUM), unit SOI, unit SOP, and vendor manuals. Some iterations of this task should be performed in MOPP.

Standard: Program the AN/PRC-148 and perform an operational check IAW associated references.

Special Condition: None

Special Standards: None

Special Equipment:

MOPP: Sometimes

Task Statements

Cue: None

DANGER

None

WARNING

Do not activate beacon while programming, can cause severe burns and electrical shock.
Opening the receiver-transmitter case will zeroize the Private Joseki Component and render the radio non-operational.

CAUTION

Lithium Ion batteries have a very high energy density.
Do not short circuit, overcharge, crush, mutilate, nail penetrate, apply reverse polarity, expose to high temperature, or disassemble.

Remarks: None

Notes: None

Performance Steps

1. Inventory equipment IAW vendor manuals. (Operating System User's Manual) (OSUM)
2. Verify PMCS IAW vendor manuals. (Refer to OSUM PMCS checklist)
3. Acquire programming software.
 - a. Upload software to a computer.
 - b. Identify frequencies to be loaded and review the unit's SOI or LOI for the proper frequencies.
 - c. Load COMSEC and/or FH data with SKL.
4. Load the frequencies.
5. Verify the frequencies and COMSEC are loaded in the proper channel.
6. Conduct a communications check and ensure radio is programmed IAW vendor's manuals.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: Provide the Soldier with all the material and equipment listed in the conditions statement.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Inventoried equipment IAW vendor manuals.			
2. Verified PMCS IAW vendor manuals.			
3. Acquired programming software.			
a. Uploaded software to a computer.			
b. Identified frequencies to be loaded and reviewed the unit's SOI or LOI for the proper frequencies.			
c. Loaded COMSEC and /or FH data with SKL.			
4. Loaded the frequencies.			
5. Verified the frequencies and COMSEC were loaded in the proper channels.			
6. Conducted a communications check and ensured radio was programmed IAW vendor's manuals.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	OSUM	Operating System User's Manuals (OSUM)	No	Yes
	UNIT SOI	Unit/Unit's Signal Operation Instructions (SOI)	Yes	No
	UNIT SOP	Unit / Unit's Standing Operating Procedure SOP	Yes	No
	VENDOR MANUALS	Vendor Manuals for the Equipment Issued	Yes	No

Environment: NOTE: Instructor should conduct a Risk Assessment to include Environmental Considerations IAW FM 3-34.5, Environmental Considerations {MCRP 4-11B}, and ensure students are briefed on hazards and control measures.

Handle, use, store, and dispose of hazardous materials and hazardous waste (e.g., chemicals, cleaning solvents, contaminated materials, etc.) in accordance with the Material Safety Data Sheets (MSDS), unit SOP requirements, and

all federal, state, local, and Army regulations.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. Be aware of hazards while operating radio equipment. Remove jewelry. Li-ion batteries have a very high energy density. Exercise precaution when handling and testing.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None

ICTL Data :

ICTL Title	Personnel Type	MOS Data
MOS 25U - Signal Support Systems Specialist - SL1	Enlisted	MOS: 25U, Skill Level: SL1
11A Officer Lieutenant, Version 1.00	Officer	AOC: 11A, Rank: 1LT
19D10 Calvary Scout, Version 1.00	Enlisted	MOS: 19D, Skill Level: SL1